
From: Andrew Parisi <aparisi@summitmidstream.com>
Sent: Tuesday, February 03, 2015 4:21 PM
To: Rockeman, Karl H.; Roberts, Kris D.; Way, Steven; Guy, Kerry
Cc: Brock Degeyter; Megan Davis; Harris, Colin; Rene Casadaban; Lucente, Bethany; London, Ivan (Ivan.London@bryancave.com) (Ivan.London@bryancave.com); Tuchman, Robert; Rick Smith; Joe Velasquez; Cameron, Gary; McGrath, Angus; Maxwell, Chris; Burns, Jim
Subject: RE: Subsurface Investigation Timeline

Understood Karl. Thank you for providing clarification on this. I'll forward this along to the operations group too, so they are clear on what is expected by Friday. Have a good night Karl.

Andrew Parisi

Director of Environmental

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From: Rockeman, Karl H. [mailto:krockema@nd.gov]
Sent: Tuesday, February 03, 2015 3:06 PM
To: Andrew Parisi; Roberts, Kris D.; Way, Steven; Guy, Kerry
Cc: Brock Degeyter; Megan Davis; Harris, Colin; Rene Casadaban; Lucente, Bethany; London, Ivan (Ivan.London@bryancave.com) (Ivan.London@bryancave.com); Tuchman, Robert; Rick Smith; Joe Velasquez; Cameron, Gary; McGrath, Angus
Subject: RE: Subsurface Investigation Timeline

Andrew,

During the conference call Friday, we had requested the delineation of the site by COB Wednesday.

We received the map titled Electro-Magnetic Survey (EM-31) Results, 1/31/2015. As noted on the map, this does not provide a full delineation of the contamination of the site. We would recommend that additional geoprobe work be completed downstream of the release site to delineate the extent downstream of the impact, and whether we're dealing with subsurface movement, or surface contamination from the stream flow.

We recommend that you conduct geoprobe cross sections across the stream channel at multiple locations downstream until you no longer show contamination. The gradient between each cross section should give you some indication of how much farther to place the next, i.e. if its dropping off slowly, move farther down. This will provide a low resolution delineation, but at least would allow us to show where it is and where it isn't contaminated. Then you could go back and fill in those areas with more specificity. Our field staff will work with yours on an appropriate plan.

We would expect that to be completed and report provided by 5:00 PM Friday

In addition to the geoprobe work, we would expect you to continue on an aggressive schedule for construction of test pits/ interceptor trenches in areas of known contamination.

If you have any questions, please contact me.

Karl Rockeman, P.E.
Director
Division of Water Quality
North Dakota Department of Health
(701)328-5210

From: Andrew Parisi [<mailto:aparisi@summitmidstream.com>]
Sent: Tuesday, February 03, 2015 12:52 PM
To: Rockeman, Karl H.
Cc: Brock Degeyter; Megan Davis; Harris, Colin; Rene Casadaban; Lucente, Bethany; London, Ivan (Ivan.London@bryancave.com) (Ivan.London@bryancave.com); Tuchman, Robert; Rick Smith; Joe Velasquez; Cameron, Gary; McGrath, Angus
Subject: Subsurface Investigation Timeline

Hi Karl,

In your email last Friday you had requested that we provide the delineation (vertical & horizontal) of the site with respect to groundwater impacts by Wednesday of this week. During our update call yesterday, we had talked through the timeline of events this week, which indicated that in addition to the figures we provided yesterday, we would continue with another EM survey and geo-probing this week to cover the remaining area down to the bridge at Hwy 85. The full extent of the subsurface impacts, as depicted by our field monitoring, and the additional measures we put in place, would be provided by our call on Monday of next week (02/09).

I think we're unsure on whether you are still expecting the full vertical and horizontal delineation by tomorrow night, or if we are okay to proceed with the schedule we had discussed on yesterday's call? Obviously we're working as fast as we can, and will continue to take action at the site with any the addition of any sumps or trenches we identify a clear need for. I was hoping though that you would clarify the timeline for us so we can meet your expectations for deliverables this week?

I may call you too, just to talk through these questions. Thanks Karl.

Andrew Parisi

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